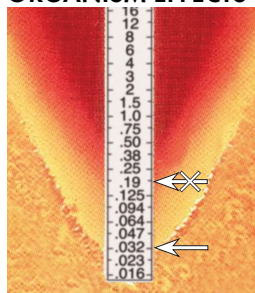


ETEST® READING GUIDE

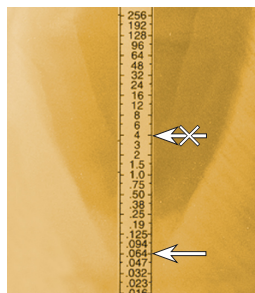
Aerobic Bacteria¹⁾

ERG 001

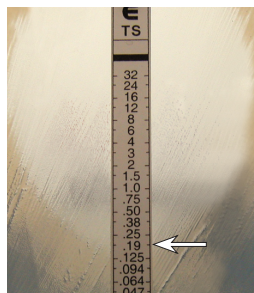
ORGANISM EFFECTS



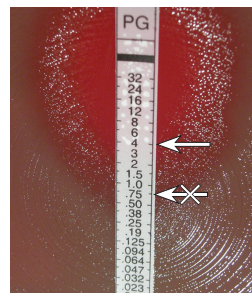
Ignore haemolysis (e.g. strep)
Read growth; **0.032 µg/mL**



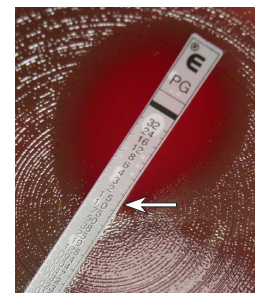
Ignore swarming (e.g. *Proteus* spp.)
Read growth edge; **0.064 µg/mL**



S. maltophilia – trim/sulfa
Ignore haze in ellipse; **0.19 µg/mL**

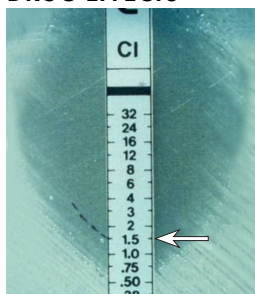


Pneumococci – β -lactams
Read all growth; **4 µg/mL**

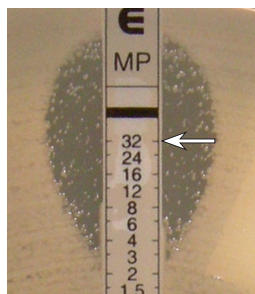


Pneumococci – β -lactams, read haze/inner colonies; **1.5 µg/mL**

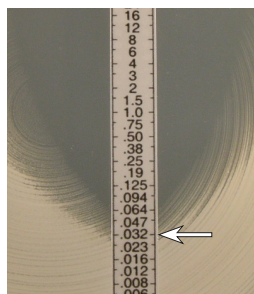
DRUG EFFECTS



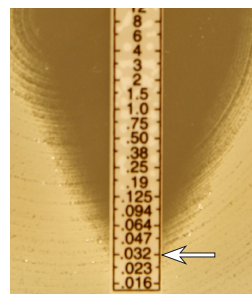
Bactericidal drugs – read hazes, microcolonies; **1.5 µg/mL**



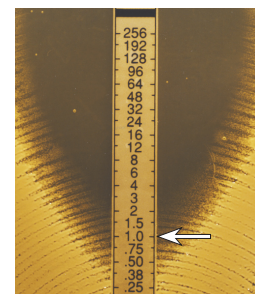
Bactericidal drugs – read macro/microcolonies; **≥32 µg/mL**



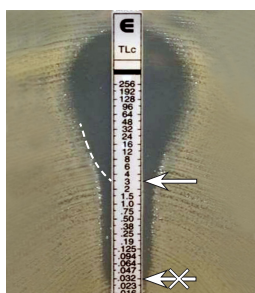
Bacteriostatic drugs – read at 80% inhibition; **0.032 µg/mL**



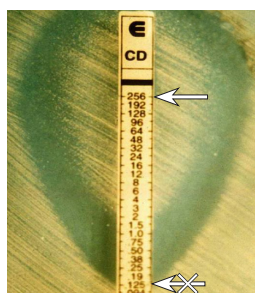
Tigecycline – read at 80% inhibition; **0.032 µg/mL**



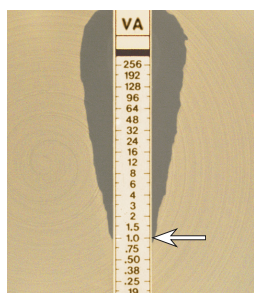
Linezolid – read at 90% inhibition; **1 µg/mL**



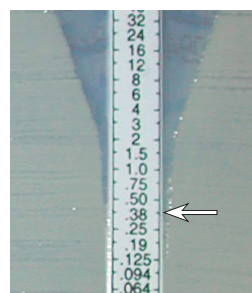
Intrinsic activity, clavulanate
Extrapolate curve; **3 µg/mL**



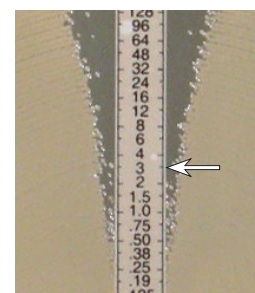
β -lactams – paradoxical effect
Read all growth; **≥256 µg/mL**



Glycopeptides – slim ellipse
Read end of dip; **1 µg/mL**

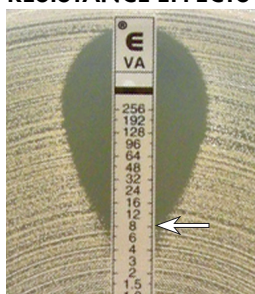


Polypeptides – slim ellipse
Read bottom of dip; **0.38 µg/mL**

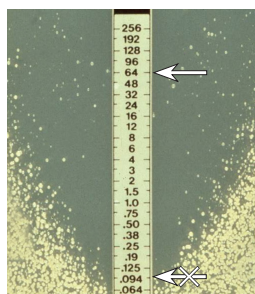


Polypeptides – read colonies in the dip; **3 µg/mL**

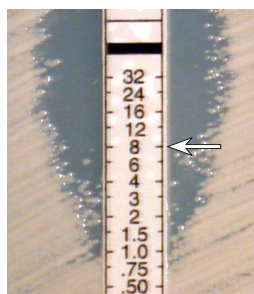
RESISTANCE EFFECTS



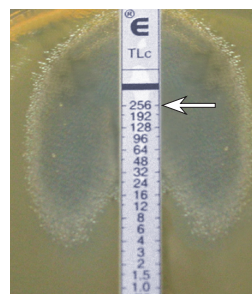
GISA/hGISA – vancomycin
Read all growth; **8 µg/mL**



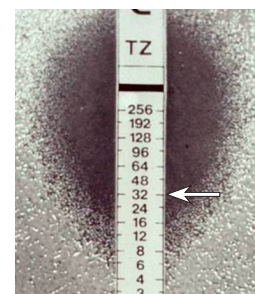
ORSA – oxacillin
Read all growth; **64 µg/mL**



KPC – carbapenems
Read all colonies; **8 µg/mL**

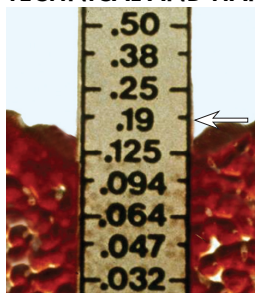


β -lactamase induction by clavulanate; **≥256 µg/mL**

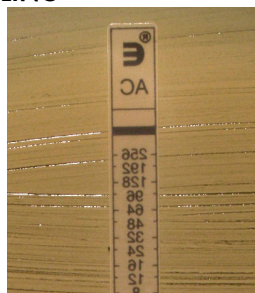


Small colony variants – bactericidal drugs; **32 µg/mL**

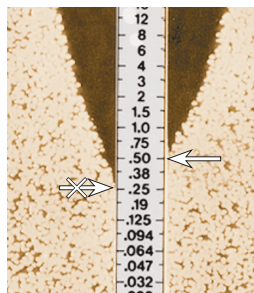
TECHNICAL AND HANDLING



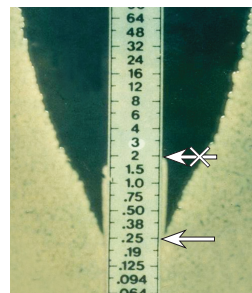
Between markings – read upper value; **0.19 µg/mL**



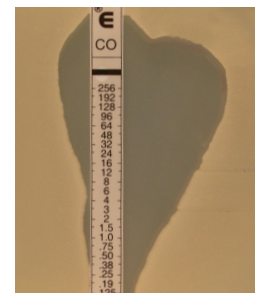
Etest strip placed upside down
Invalid; repeat the test



Uneven – read upper value; if >1 dilution, repeat the test



Ignore line of growth alongside strip; **0.25 µg/mL**



Distorted ellipse – wet surface, invalid; repeat the test

¹⁾ Please see CIS 006 (cidal/static chart), CIS 007 (reading endpoints) and product package inserts for additional reading information (www.abbiodisk.com/ETM).